

Popescu, F.

4571

VOLUMETRIC DOSE DETERMINATION OF STRONTIUM.
P. Spacu and F. Popescu (Laboratory of Inorganic and
Analytical Chemistry, Polytechnic Inst. of Bucharest). Bol.
Inst. Politehnic, Bucuresti 18, Nos. 3-4, 165-7 (1958) July-
Dec. (In Romanian)

A new method is offered for the volumetric determina-
tion of Sr in the form of iodide. A solution of $\text{Sr}(\text{NO}_3)_2$ is
treated with KIO_3 in the presence of alcohol. The solution
is agitated, precipitated, and filtered through a dry quanti-
tative filter. Then the KI and H_2SO_4 are added to the
filtrate, and by titration iodine is liberated with a solution
of 0.1N $\text{Na}_2\text{S}_2\text{O}_3$. The method is very simple and can be
applied with ordinary reagents. (tr-auth)

5(2)
14(5)

R/007/60/011/03/008/017
D0021/D3001

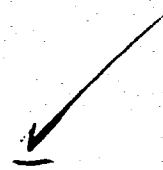
AUTHOR: Voicu, O., Popescu, F., and Basarabescu, T.

TITLE: Utilization of Isooctyl Phenol¹ and Dodecil Phenol as Oxidation Inhibitors

PERIODICAL: Petrol și Gaze, 1960, Vol 11, Nr 3, pp 130 - 134

ABSTRACT: The article deals briefly with the study of the effect of some anti-oxidating agents on Rumanian cracked gasoline and refers to the first studies on altered cracked gasoline carried out by Egloff and others. O. Voicu and F. Popescu suggested the use of long-chain alkyl-phenols, in this case isooctyl phenols, isooctyl cresols and dodecil phenols as inhibitors with anti-oxidating effect for thermally cracked gasoline. For this purpose the authors carried out laboratory experiments on the

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R/007/60/011/03/008/017
D0021/D3001

Utilization of Isooctyl Phenol and Dodecyl Phenol as Oxidation
Inhibitors

inhibition of oxygen in gasolines. Gasolines treated with tested inhibitors showed the characteristics given in table 2. Two types of gasolines were used in the test, i.e. 1) STAS 176, type B, engine gasoline with a minimum octane number of 60 and which contained about 30% of cracked gasoline, 2) cracked reformed gasoline of the Dubbs type. Both types of gasoline were produced by the Nr 4 Rafinăria (Refinery) in Cîmpina. By comparing the data in table 3 and results obtained from laboratory experiments, the following conclusions were drawn: 1) Alkyl phenols and alkyl cresols produced by the authors and utilizing higher olefins produced by the Rumanian petroleum industry, can be employed as anti-oxidating additives for cracked gasolines; 2) the introduction of these additives into engine gasolines has the following advantages: a) economy in the refining process, b) octane number is maintained at its initial value

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R/007/60/011/03/008/017
D0021/D3001

Utilization of Isooctyl Phenol and Dodecyl Phenol as Oxidation
Inhibitors

based on the pressure of non-saturated hydrocarbons,
and c) increase of storage time without an effect
on the quality. There are 3 tables, 1 figure and 13
references, 4 of which are Rumanian, 2 French and 7
English. ✓

SUBMITTED: 24 October 1959

Card 3/3

POPESCU, Fr.

RUMANIA/Farm Animals - Poultry.

0-3

Abs Jour : Ref Zhur -Biol., No 1, 1959, 2726

Author : Popescu, Fr., Harsian, E., Madalniuc, V.

Inst :

Title : Effect of Cobalt on the Development of Chicks of the
Rhode Island Breed and on Reducing Their Mortality.

Orig Pub : Probl. zootehn. si veterin., 1957, No 11, 55-58.

Abstract : Upon addition of a solution of cobalt chloride to the
feed rations, the weight of chicks increased by 67% and
their mortality was reduced by 50% compared with the con-
trol group chicks.

Card 1/1

POPESCU, F.; BASARABESCU, T.

Study of some properties of nonionic products of the types:
alkylphenols, alkylcresols polyglycolethers, acylpolyglycolethers
and polyoxyethylated alkylphenolformaldehydic resins.
Rev chimie Min petr 14 no.7:400-402 J1 '63.

VOICU, O.; POPESCU, F.; BASARABESCU, T.

Contributions for obtaining some nonionogenic products with
surface activity. Notes II. Rev chimie Min petr 13 no.3:
146-152 Mr '62.

ZARNEA, G., Assist. Prof.; VASILIU, V.; VOICULESCU, R.; ISRAEL, H.; PEREDERY, S.;
TUMARU, C.; SZEGLI, L.; POPESCU, F.; IONESCU, H.

A study on a Q fever focus due to horses as a source of infection.
Rumanian M. Rev. 2 no.2:20-21 Apr-June 58.

(Q FEVER, transm.

by horses in Rumania)

(HORSES, dis.

Q fever, transm. to humans in Rumania)

GHIMICESCU, Gh.; POPESCU, Fl.

Device for descending chromatography with readily volatile solvents. Rev chimie Min petr 14 no.8:479-480 Ag '63.

1. Institutul de medicina si farmacie, Laboratorul de chimie generala, anorganica si analitica, Iasi.

RUMANIA

Dr E. PALAMARU and Dr Fr. POPESCU, Animal Husbandry Research Institute (Institutul de cercetari zootehnice) and Ing V. VIZITIU, Animal Husbandry Experimental Station (Statiunea experimentală zootehnică) Slobozia.

"Effect and Mode of Use of Some Oxytetracycline-Based Growth Stimulants in Poultry Breeding."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 13, No 4, Apr 63; pp 38-44.

Abstract [English summary modified]: Study of 5 feed additives containing oxytetracycline and various vitamins; essentially identical with US commercially available preparations (TM-10, Terramycin Egg Formula, TM-10 + Vigofac; Terramix; TM-3) in chickens: mortality decreased 15 to 50%; feed consumption required to produce 1 Kg. gain decreased to between 70 and 94% of controls. Intra-treatment group differences were small. Four tables; 2 Rumanian, 2 German, 1 Soviet reference.

1/1

CONEA, Ana; VOLOVICI, C.; MUCENIC, Iulia; NITU, I.; BRATOSIN, Niculina;
BUGEAC, Elena; IACOB, Eugenia; VASILESCU, Marcela; BALABAN, Lidia;
COLIOS, Elena; PETRESCU, Adriana; POPESCU, Florica; SAFTA, Rodica;
MAC, Hareta.

The Oradea plain and hilly soils. Dari seama sed 4827-288
60/61 [publ. '62]

POPESCU, Fl.; CARPOV, A.; DIMA, M.

Contributions to the volumetric microdetermination of chlorine
in volatile organic substances. Studii chim Iasi 14 no. 2:
203-212 '63.

1. Section of Physicochemistry of Polyelectrolytes, "Petru Poni"
Institute of Chemistry, Rumanian Academy, Iasi Branch.

DIMA, M.; POPESCU, Fl.

On the preparation of butyl lithium for catalytic purposes.
Studii chim Iasi 14 no. 2:221-232 '63.

POPESCU, F. Gabriel, ing.

Some present problems of the Baia Mare mining district
connected with the planning of future research. Rev min 15
no. 4:173-179 Mr '64.

FISCHGOLD, S., ing.; POPESCU, G., biolog; HERSCU, O., chim.; KONERTH, H. chim.

Considerations on the utilization of the red heart beechwood
in different alteration stages for obtaining chemical pulp.
Cel hirtie 12 no. 11:357-362 N°63.

POPESCU, G.

Results obtained from the accelerated digging in the galleries of the Baia Mare Mining Trust. P 143.

REVISTA MINELOR. (Ministerul Minelor, Ministerul Industriei Petrolului si Chimiei, Directia Exploatarilor Miniere si Asociatia Stinitifica a Inginerilor si Tehnicienilor din Romania) Bucuresti, Rumania. Vol. 10, no. 4, Apr. 1959.

Monthly List of East European Accessions (MEAI) LC. Vol. 8, no. 9, Sept. 1959.

Uncl.

POPESCU, G.

[REDACTED]

1. G. POPESCU, A. T. G. POPESCU, L. G. POPESCU, S. POPESCU, I. POPESCU,
2. POPESCU-DELEU AND G. POPESCU (affiliation as above)

1. Role of Rickettsia and Leishmania in Pathology of Pregnancy. Part
2. Relationship Between Maternal Infections and Congenital Malformations.

Bucharest, 1962; 1. Revue de Parasitologie et de Microbiologie, Vol. 12, No. 4, 1962;
pp. 661-673.

[Abstract (English summary modified): Study of sera of mothers who bore
congenitally malformed infants without having had clinically manifest
infection during pregnancy: 17 of 20 had positive reactions, 12 to
R. burnetii antigen. From placenta, 1 rickettsia-like strains were
isolated - in 1 case, same strain from neonatus. In contrast, only 3
sera gave weakly positive or doubtful results in a control group of 16
women with normal neonates. Two tables, 6 Rumanian and 4 French refs.

POPESCU, G. ANGELESCU, E.

Study of the stearic and palmitic monoesters of some polyalcohols.
p.233.

Academia Republicii Populare Romine. STUDII SI CERCETARI DI CHIMIE.
Bucuresti, Rumania. Vol. 6, no 2, 1950

Monthly list of East European Accessions (EEAI) Vol. 8, no. 7, July
1959

Uncl.

GRAPA, O.; STANESCU, L.; VILCAN, P.; GOMATU, AL.; POPESCU, C.

The diagnostic value of phosphorus uptake in cataracta tumores.
Rumanian med. rev. 19 no.2:46-49 Ap-Je '65.

ESANU, F., ing.; KONERTH, H., ing.; ANDRUCHOVICI, F., ing.; FISCHGOLD, S.
ing.; POPESCU, G., biolog.; ANTON, I., ing.; POPOVICI, M. ing.;
HOTOPELEANU, A., ing.; REICHMANN, E., ing.; CONSTANTINESCU, O.,
ing.

Studies on how to obtain an alkaline pulp (sulfate and natron)
from straw by continuous digesting in a Pandia type installa-
tion. Cel. hirtie 11 no. 6: 205-219 Je '62

TALIS, F., ing.; POPESCU, G., biolog.

Comparative study on the behavior of bleached celluloses from reed, straw, and resinous wood during the refining process in industrial plants. Cel hirtie 12 no.4:135-142 Ap'63.

FISCHGOLD, S., ing.; POPESCU, G., biolog; ANTON, I., ing.; BUROVA, T.,
candidat stiinte tehnice; HERSCU, O., chim.; POPOVICI, M., chim.;
PLATON, M., ing.; KOKERTH, H., chim.

Some considerations on the utilization of beechwood for ob-
taining chemical pulp. Cel hirtie 10 no. 7/8:225-231 JI-Ag'61.

CAJAL, N.; BURDUCEA, O.; POPESCU, G.

Experimental investigations of murine hepatitis. I. Evolution of hepatitis induced with MHV-2 and MHV-4 viruses in mice exposed to the action of radiophosphorus (P-32) and radioiodine (I-131). Stud. cercet. inframicrobiol. 13 no.2:163-167 '62.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R.

(HEPATITIS, INFECTIOUS experimental) (PHOSPHORUS radioactive)
(IODINE radioactive)

DUMITRESCU, S.; CAJAL, N.; IONESCU, N.I.; POPESCU, G.

Experimental investigations of murine hepatitis. II. Electron microscopic study of the changes in the liver of mice inoculated with MHV-3 virus. Stud. cercet. inframicrobiol. 13 no.2:239-243 '62.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R.

(HEPATITIS, INFECTIOUS experimental) (LIVER pathology)

BURDUCEA, O.; POPESCU, G.; BABA, C.; NECULA, V.

Experimental investigations of murine hepatitis. IV. Evolution of hepatitis induced with MHV-2 and MHV-4 viruses in adult white mice exposed to the action of x-rays. Stud. cercet. inframicrobiol. 13 no.2:251-254 '62.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R.

(HEPATITIS experimental)

(RADIATION EFFECTS experimental)

RUMANIA

POPESCU, G., Lt-Col, Dr, ATANASESCU, S., Lt-Col, Dr, MARCULESCU, M., Maj, Dr, and TESOIU, M., Maj, Dr [affiliation not given]

"Primitive Ceco-appendicular Lymphoreticular Sarcoma."

Bucharest, Revista Sanitara Militara, Vol 59, No 3, May-Jun 63, pp 491-494.

Abstract: Reviews the literature on the subject and describes a case of ceco-appendicular sarcomatous tumor in a 50-year old patient admitted to the Military Hospital of Craiova. Clinical characteristics and therapeutic measures adopted are discussed. Includes 20 references, of which 1 French and 19 Rumanian.

SAVULESCU, Alice, acad.; LAZAR, Viorica; POPESCU, Georgeta

Research on identifying and fighting cellulose molds. Studii
cerc biol veget 15 no.4:521-529'63

NICOLAU, St. S., academician; ATHANASIU, Pierrette; SURDAN, C.;
PETRESCU, Al.; POPESCU, Georgeta; STEFANESCU, I.; in colaborare
cu: STOIA, I.; MARIN, D.

The role of rickettsial and pararickettsial diseases in the
activation of arthroses and spondyloses. Stud. cercet.
inframicrobiol. 14 no.5:551-563 '63.

(RICKETTSIAL DISEASES) (JOINT DISEASES)
(SPINAL DISEASES) (ARTHRITIS, RHEUMATOID)
(TETRACYCLINE)

SURDAN, C.; SARATEANU, D.; BABES, V.T.; POPESCU, Georgeta;
STEFANESCU, Ileana; in colaborare cu: NESTEROV, I.

Is epidemic exanthematous typhus an anthroozoonosis? Stud.
cercet. inframicrobiol. 14 no.5:583-592 '63.

1. Comunicare prezentata la Institutul de inframicrobiologie
al Academiei R.P.R.

(TYPHUS) (RICKETTSIA PROWAZEKI)
(ZOOZOOSES) (CATTLE DISEASES)
(SHEEP DISEASES)

POPESCU, G., biolog, laureata a Premiului de Stat; ESANU, F., ing.;
ANDRUCHOVICI, F., ing.; LAZAR, V., biolog; SAVULESCU, Alice,
prof. dr.

Combating the microorganisms in moist straw cellulose. Cel
hirtie 11 no.4:141-150 Ap '62.

1. Institutul de Cercetari si Proiectari pentru Hirtie, Celu-
loza si Stuf (for Andruhovici). 2. Institutul de biologie
"Traian Savulescu" (for Lazar). 3. Membru al Academiei R.P.R.
(for Savulescu).

NASTAC, E.; ISAIA, G.; DONA, G.; LUNGU, M.; RUTTER, G.; POPESCU, Gr.

The changes in adenovirus, type 3, after its inoculation in mice with Ehrlich's ascites carcinoma. Rev. sci. med. 8 no.3/4: 147-150 '63.

(CARCINOMA, EHRlich TUMOR) (ADENOVIRUS)
(ANTIGENS)

~~SCU~~, G., chim.

The pH measurement in the leather industry. Metrologia apl 10 no.2:
84-87 F. '63.

CANTAR, F.; POPESCU, Gh.; BUTNARU, V.

Corn culture with beans and soybeans planted between the rows.
Studii biol agr Iasi 13 no.2:325-332 '62.

RUMANIA

CAVULEA, O., Lieutenant-Colonel, Medical Veterinary Corps; GHEORGHE, N.;
GASPAR, A.; PLESCA, I., Major, Medical Corps; BERGHEANU, S., Lieutenant-
Colonel, Pharmacist; POPESCU, Gh., Lieutenant-Colonel, Medical Corps; and
MILEA, T.

"Effect of Some Subcellular Thymus Tissue Fractions in Radiation Sickness
in Mice"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 414-417

Abstract: Study on 390 mice, including 200 thymus donors: gland tissue was
divided into mitochondria and nuclei; single administration of mitochondria
was better than repetitive administration; administration of nuclei alone
was best. 2 tables.

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specific antibodies are countered by treatment.
Includes 4 Rumanian and one French reference.

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RUMANIA

C. SURDAN, D. SARATEANU, G. POPESCU, B. ANAGNOSTE, G. BORODOC, P. ATHANASIU and I. STEFA NESCU [see affiliation above and also] Polyclinic (Policlinica) "13 Septembrie," [Bucharest.]

"Studies on the Rickettsial or Pararickettsial Etiology of Certain Thrombophlebitides."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 14, No 2, 1963; 161-170.

Abstract [English summary modified]: Positive or doubtful rickettsial microagglutination tests were found in 28 out of 39 patients with thrombophlebitis obliterans, 3 of 4 erythema nodosum, all 5 with thromboangiitis obliterans; but only 5 of 11 with other diseases. Of the 36 serologically positive, 24 reacted with *Rickettsia burneti*; from the venous blood of 3 patients *Rickettsia* strains were isolated, including *R. burneti* in 2 instances. Tetracyclines were found effective therapy in thrombophlebitic affections. Much reference to Giroud's data from French Morocco. Four tables; 5 French and 11 Rumanian references.

1/1

ADERCA, I.; CAJAL, N.; POPESCU, G.; IANCONESCU, M.; DANIELESCU, G.

Investigation of the "Motol" virus strain, presumed agent of epidemic hepatitis. Stud. cercet. inframicrobiol. 13 no.2:209-215 '62.

1. Comunicare prezentata la Conferinta interregionala de hepatita epidemica, Sinaia.
(HEPATITIS, INFECTIOUS virology)

FAGARASANU, I., Prof.: POPESCU, G.: ALOMAN, D.: BURIJUI, D..

Cardiospasm (a critical consideration of modern surgical treatment).
Rumanian M. Rev. 4 no.1:85-87 Ja-Mr '60.

1. 3rd Surgical Clinic of the "Dr. Carol Davila" Hospital ; State
Hospital No. 12. 2. (for Fagarasanu) Corresponding member of RPP Academy.
(CARDIOSPASM surg.)

BERLOGEA, I.; STRATI, I.; SCHOENFELD, S.; CAJAL, N.; POPESCU, G.

Rabic infections and antirabic immunity in animals exposed to radiation. Studii cerc inframicrobiol Special issue-supplement to 12: 195-201 '61.

1. Institutul de inframicrobiologie al Academiei R.P.R. si Spitalul militar central. 2. Membru al Comitetului de redactie si redactor responsabil adjunct, "Studii si cercetari de inframicrobiologie" (for Cajal).

(HYDROPHOBIA) (IMMUNITY) (RADIATION)

ANDZHELESKU, Ye. [Angelescu, E.]; POPESKU, G. [Popescu, G.]

Colloidal chemistry of the systems: soap-cresol-water. II. Viscosity of the solutions of sodium ricinoleate in the presence of o-cresol and sodium chloride. Rev chimie 6 no.1:73-85 '61.

1. Membre correspondant de l'Academie de la Republique Populaire Roumaine, membre du Comite de redaction "Revue de chimie" (for Angelescu).

BRONITKI, A.; DEMETRESCU, R.; POPESCU, G.; MALIAN, A.

Isolation of adenovirus from a human case of pulmonary carcinoma. Acta virol. 8 no.5:472 S '64.

1. Institute of Inframicrobiology of the R.P.R. Academy ,
Bucharest, Rumania

SURDAN, C.; SARATEANU, D.; POPESCU, G.; SORODOC, G.; ATHANASIU,
Pierrette; STEFANESCU, I.; SILVIU DAN, S.

Research on the rickettsial or pararickettsial etiology of
certain types of thrombophlebitis. Rev. sci. med. 8 no.3/4:
181-184 '63.

(RICKETTSIAL DISEASES) (THROMBOPHLEBITIS)
(VARICOSE VEINS) (TETRACYCLINE)

SURDAN, C.; SARATEANU, D.; POPESCU, G.; ANAGNOSTE, B.; SORODOC, G.;
ATHANASIU, P.; STEFANESCU, I.; in colaborare cu: SILVIU DAN, S.

Research on the rickettsial or pararickettsial etiology of
some thrombophlebitis. Stud. cercet. inframicrobiol. 14 no.2:
161-170 '63.

1. Comunicare prezentata la Institutul de inframicrobiologie
al Academiei R.P.R.

(THROMBOPHLEBITIS),
(THROMBOANGIITIS CULITERANS)
(ERYTHEMA NODOSUM)
(RICKETTSIAL DISEASES)

NICOLAU, St. S.; SURDAN, C.; SARATEANU, D.; ATHANASIU, Pierrette;
ANAGNOSTE, B.; SORODOC, G.; POPESCU, G. en collaboration
avec ILIESCU, C.; RADESCU, R.; MALITCHI, E.

Study on the rickettsial etiology of various angiopathies.
Rev. sci. med. 8 no. 1/2:69-73 '63.

1. Membre de l'Academie de la Republique Populaire Roumaine
(for St.S. Nicolau).
(RICKETTSIAL DISEASES) (VASCULAR DISEASES)

Neurology

RUMANIA

616.981.71:616.853

BABES, V. T., SARATEANU, D., POPESCU, Georgeta, DEMETRESCU, R.,
and CHINDEA, Victoria [affiliation not given]

"Studies on the Rickettsial and Pararickettsial Etiology of
Epilepsy and Neuropsychic Illnesses in Children."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 17,
No 3, 66, pp 181-187.

Abstract: The authors studied experimentally and serologically
129 cases of epilepsy and 85 cases of patients suffering from
other neuropsychic disorders with the aim of determining whether
rickettsial and pararickettsial organisms play any part in the
etiology of the diseases. The results were not conclusive but
lead the authors to suggest a strong possibility that an in-
fectious microbial factor is involved.

Includes 2 tables, 2 figures and 13 references, of which
one German and 12 Rumanian.

STCHIPANOVA, E.P. [Shchipanova, Ye.P.]; IVANESCU, Georgeta; TRAPEZNICOV,
A.A. [Trapeznikov, A.A.]

Resistance and thixotropic properties of sodium oleate solutions
and the o-cresol influence. Rev chimie Roum 9 no.8/9:465-474
Ag-S '64.

1. Institute of Physical Chemistry, Academy of Sciences of the
U.S.S.R., Moscow, and the Center of Organic Chemistry, Rumanian
Academy, 89 Splaiul Independentei, Bucharest.

MIHAI, J., ing.; DUMITRESCU, S., chim.; POPESCU, Gh., chim.

Soil moisture determination by porous transducers. Metrologia
ap1 11 no. 7:321-324 J1 '64.

CATALINA, E., ing.; POPESCU, Gh., ing.; BRENNER, G., ing.

Views on supplying customers of the oil and chemical industry of
Rumania with electric power. Petrol si gaze 13 no.10:447-452 0 '62.

RAILEANU, Gr.; POPESCU, Gh.

Micropaleontologic study of the Lower Cretaceous at Svinita
(Southern Banat). Studii cerc geol 9 no.1:51-60 '64

1. Institute of Geology and Geography of the Rumanian Academy,
Bucharest.

POPESCU, Gh.

Zone with Orbulina in the Miocene of the Northwest of Transylvanian Basin. Studii cerc geol 9 no.1:213-216 '64

1. Institute of Geology and Geography of the Rumanian Academy.

POPESCU, Gh.

Industrial production of sodium chloride in Rumania. Chem
prum 14 no.12:670 D '64

POPESCU, G.F., ing.; CURPAN, C., ing.

Timbering methods of mining works studied and applied in
the Maramures mining basin. Rev min 14 no.11:477-484 N°63.

BAZACOV, Gh. (Tr. Severin); PETRESCU, P. Anastasie (Craiova); GRIGORE, I. (Ploiesti); TEODORESCU, I. (Galati); POPESCU, Gh. (Lugoj); STANESCU, Ilie (Sibiu); MORTUN, E. (Pitesti); IVANESCU, Cezar (Tirgoviste); APOLOZAN, Ion (Medgidia); VASILESCU, Constantin (Ploiesti); IONESCU-TIU, C.; GAVRILA, Gh. (Bucuresti); SAVU, Constanta (Bucuresti); STATESCU, Emilian (Buftea)

Questions for examinations in mathematics. Gaz mat B 15 no.4:167-171
Ap '64.

POPESCU, Gh., ing.

Economic efficiency of irrigated cultures. Hidrotehnica 6 no.11:
377-380 N '61.

POPESCU, G.

Influence of cisisomerism and transisomerism on the temperature of the relation of soap solutions. p. 465.

Academia Republicii Populare Romine. STUDII SI CERCETARI DE CHIMIE. Bucuresti, Rumania. Vol. 6, no. 3, 1958.

Monthly List of East European Accessions (EEAI) Vol. 8, no. 7, July 1959.

Uncl.

POPESCU, G.; ANGELESCU, E.

Degree of association of the isomeric cresols, computed on the basis of viscosimetric data. p. 597.

Academia Republicii Populare Romine. STUDII SI CERCETARI DE CHIMIE. Bucuresti, Rumania. Vol. 6, no. 4, 1958.

Monthly List of East European Accessions (EEAI) Vol. 8, no. 7, July 1959.

Uncl.

POPESCU, Gabriel F., ing.

Development of the nonferrous mining industry in the
Maramures Basin. Rev min 13 no.8:338-345 Ag '62.

1. Trustul minier Baia-Mare.

POPESCU, Gabriel, ing.

Nomogram for determining the unitary resistance of roller bridges
and their traveling crabs. Constr mas 15 no.4:325-326 Ap '63.

POPESCU, Gabriel F., ing.; BEREGIC, V., geol.; VARNA, A., ing.;
STOENESCU, I., geol.

New standpoints in connection with the geologic research
program in the Baia Mare mining basin. Rev min 13 no.5:185-
191 My '62.

POPESCU, Georgeta

COUNTRY : Rumania
 CATEGORY : Cultivated Plants. Commercial. Oleiferous.
 SUBC. : Sugar-Blurring
 REF. JOUR. : ETHNOL., No. 1, 1959, No. 1924
 AUTHOR : Stancu, Elianeta; Popescu, Ludovic;
 INST. :
 TITLE : Preliminary Studies on the Introductory Cultivation of
 Annual Fibrous Plants in the Danube Delta.
 ORIG. PUB. : An. Inst. cercetari si experim. ind. lant. si
 hort., 1959, No. 13, 291-300
 ABSTRACT : In order to utilize localities which are unsuitable for
 the cultivation of other plants, in the year 1959 experi-
 ments were begun in the cultivation of Italian cane, Sudan
 grass, bamboo and red crack willow which find application
 in the paper industry.

* Popescu, Georgeta

CARD:

CAJAL, N.; MITROIU, O.; BABA, C.; COPELOVICI, Y.; POPESCU, G.; BARBU, C.

Some methods used in laboratories for the diagnosis of viral epidemic hepatitis. Studii cerc inframicrobiol Special issue-supplement to 12:307-314 '61.

1. Institutul de inframicrobiologie al Academiei R.P.R. 2. Membru al Comitetului de redactie si redactor responsabil adjunct, "Studii si cercetari de inframicrobiologie" (for Cajal).

(HEPATITIS, INFECTIOUS)

POPESCU, Gh., ing.

Economic efficiency of irrigated cultures. Hidrotehnica 6 no.11:
377-380 N '61.

(Irrigation farming)

POPESCU, Gh., profesor (Lugoj)

Propounded problems; 5197. Gaz mat B 13 no.3:173 Mr '62.

PETRESCU, Anastasie (Craiova); DINULESCU, C., prof. (Buzau); ZAMFIRESCU, Tudor; VASILIU, Florian (Bacau); LEONTE, A. (Bucuresti); OPREA, Miron (Ploiesti); POPESCU, Gh.; MANESCU, I., prof. (Rimnicu Vilcea); BACHINA, V., prof (Brezia); MASGRAS, V. (Bucuresti)

Solved problems. Gaz mat B 14 no.6:343-356 Je '63.

POPESCU, Gheorghe, M., ing.

Modern proceedings for pickling and cleaning finished and semi-finished rolled products. Metalurgia constr mas 14 no.4:317-325 Ap '62.

1. Institutul pentru proiectari de laminare.

NASTAC, E.; ISAIA, G.; DONA, G.; LUNGU, M.; RUTTER, G.; POPESCU, Gr.

Virus-host cell relations in case of infection of Ehrlich ascites tumor with different viruses. II. Some characteristics of the cytopathogenic agents isolated from the tumor after inoculation in situ of adenovirus, type 3. Stud. cercet. inframicrobiol. 14 no.3:295-304 '63.

(ADENOVIRUS) (CARCINOMA, EHRLICH TUMOR) (ANTIGENS)
(ANTINEOPLASTIC AGENTS)

RUMANIA

NASTAC, E., BALMUS, G., POPESCU, Gr., RUTTER, G., and LUNGU, M.
of the Institute of Inframicrobiology of the RPR Academy (Institutul de Inframicrobiologie al Academiei RPR).

"Experimental Investigations in Murine Leukemia. Note VI. Experimental and Histopathologic Study of Developing Chick Embryos Inoculated with Murine Leukemia Products of Line C.57."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 14, No 4., 1963, pp 417-426.

Abstract [Authors' English summary modified]: Blood and liver and spleen suspensions of mice with spontaneously appearing lymphatic leukemia were inoculated into the chorio-allantoic membrane of chick embryos and produced death in approximately 70 percent of the embryos with serially transmissible histopathologic lesions. The lesions were more accentuated on the membrane than on the embryos and were especially of the proliferative and infiltrative type; they were caused by an agent of viral nature that could be grown in human embryo cell cultures in vitro. The liver and spleen suspensions were more infectious than the blood. The findings indicate the viral nature of leukemia of C.57 mice (a slightly leukemogenic line). Includes 14 figures and 12 references, of which 8 English-language, 2 German and 2 Rumanian.

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CARD : 1/1

ANGELESCU, E.; POPESCU, G.

Colloidal chemistry of the systems soaps-cresol-water. XII. Viscosity of the solutions of sodium lauric acid in the presence of cresols and naphthols. Studii cerc chim 9 no.3:447-457 '61.

1. Sectorul coloizi al Centrului de cercetari chimice, Bucuresti.
2. Membru corespondent al Academiei R.P.R., Membru al Comitetului de redactie "Studii si cercetari de chimie" (for Angelescu).

GEORGESCU, Miron; DOBREANU-ENESCU, Viorica; TEORDORINI, Sanda; POPESCU, G.;
IOTA, C.G.

Hypertensive regulatory disorders in conditions of mental and physical
overstimulation. II. Therapeutic results obtained in this type of
regulatory disorder with guanethidine (ismelin, Ciba). Stud. cercet.
med. intern. 3 no.4:515-523 '62.

(EXERTION)	(SPORTS)	(AUTONOMIC DYSFUNCTION)
(HYPERTENSION)		(GUANETHIDINE)

GEORGESCU, Miron; DOBREANU-ENESCU, Viorica; TEODORINI, Sanda; POPESCU, G.;
IOTA, C.G.

Hypertensive regulatory disorders produced in conditions of mental
and physical overstimulation. I. Mechanisms of hypertensive regulatory
disorders appearing in performing athletes. Stud. cercet. med. intern.
3 no.4:505-513 '62.

(EXERTION) (SPORTS) (EMOTIONS) (HYPERTENSION)
(AUTONOMIC DYSFUNCTION)

POPESCU, G.; ANGELESCU, E.

Study of the glycerol-diglycerol system. p. 607.

Academia Republicii Populare Romine. STUDII SI CERCETARI DE CHIMIE. Bucuresti, Rumania. Vol. 6, no. 4, 1958.

Monthly List of East European Accessions (EEAI) Vol. 8, no. 7, July 1959.

Uncl.

Popescu, G.

A contribution to the study of the stratigraphy of Cretaceous Flisch between the Prahova Valley and the Buzau Valley with special reference to the Teleajen Valley. p.159.

STUDII SI CERCETARI DE GEOLOGIE. Bucuresti, Rumania. Vol. 3, No. 3/4, 1958.

Monthly List of East European Accessions (MEEA) LC, Vol. 9, No. 1, January 1960.

Uncl.

RUMANIA

POPESCU, Gh., Lieutenant-Colonel, Medical Corps; POPA, Rodica; BENES, S., Lieutenant-Colonel, Medical Corps; and GHEORGHE, N., Lieutenant-Colonel, Medical Corps.

"Preliminary Study of Radioprotection of Mice with Nucleic Acids from Homologous Bone Marrow"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 409-414

Abstract: Study in mice administered DNA and RNA of homologous bone marrow intraperitoneally and irradiated with 700 r 10 or 30 minutes later. Such treatment sharply reduced the mortality and prolonged life in those mice that did succumb. Table, graph.

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- 80 -

POPESCU, Gh., Lieutenant-Colonel, Medical Corps; PLESCA, I., Major, Medical Corps; BERGHIANU, S., Lieutenant-Colonel, Pharmacist; and MILEA, T.

"Observations on the Effect of the Total Thymus Extract in the Treatment of Radiation Sickness in Mice"

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001342220003-4"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 417

Abstract: Brief report: thymus extract "Timus CIF" had little effect on radiation dose 95% lethal in 30 days, but when penicillin and streptomycin were added, a favorable effect was definitely noted.

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RUMANIA

POPESCU, Gh., Lieutenant-Colonel, Medical Corps; VOICU, V., Lieutenant-Major, Medical Corps; NICOLAU, Elena; and MURESAN, V.

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001342220003-4



APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001342220003-4"

RUMANIA / Cultivated Plants. Fruits, Berries,
Nutbearing, Teas.

M-6

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6463

of grapes were obtained per ha. -- Ye. T.
Zhukovskaya

Card 2/2

POPESCU, G.

CAJAL, N.; OPRISCU, El.; POPESCU, G.

Studies of neutralizing antibodies against poliomyelitis, type II.
Stud. cercet. inframicrobiol., Bucur. 8 no.2:201-206 1957.

1. Comunicare prezentata la Institutul de inframicrobiologie al
Academiei R.P.R. in sedinta din 3 septembrie 1956.

(POLIOMYELITIS, immunology

neutralizing antibodies against type II, Lansing virus
in inhabitants of Bucharest)

DUMITRESCU, Vasile; POPESCU, Gheorghe; MOROIANU, Sanda. Biberi; SGINDAR, Pompiliu

Epidemiological considerations on the evolution of poliomyelitis in Rumania before the introduction of antipoliomyelitis vaccination (1927-1957). Stud. cercet inframicrobiol., Bucur. 10 no.2:119-142 '59.

1. Comunicare prezentata la Simposioul de poliomielite de la Vatra Dornei, mai 1958.
(POLIOMYELITIS, epidemiology)

POPESCU, G.

The Mining Sector for Non-ferrous Metals. Revista Minelor (Mining Journal),
#8:248: Aug 55

POPESCU, G.

"Plans and achievements of the Baragan Experimental Forest Station".
p. 236. (REVISTA PADURILOR, Vol. 69, No. 5, May 1954, Bucuresi,
Rumania)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3,
No. 12, Dec. 1954, Uncl

Popescu, G.

COUNTRY : Rumania B-11
CATEGORY :
ABS. JOUR. : RZKhim., No. 14 1959, No. 43873
AUTHOR : Angelescu, E. and Popescu, G.
INST. : Not given
TITLE : The Investigation of Monoesters of Stearic and
Palmitic Acids and Some Polyhydric Alcohols
ORIG. PUB. : Studii si Cercetari Chim, 6, No 2, 233-237 (1958)
ABSTRACT : The authors have investigated the viscosity of
monoesters (I) of stearic and palmitic acids,
glycol, and of glycerin in m-cresol (II) over
the concentration range 0.5-5% at temperatures
of 25-45°. It has been found that dil solutions
of I in II have a lower viscosity than the sol-
vent due to the partial disruption of hydrogen
bonds in II by the addition of even small
amounts of ester. At higher concentrations
(over 5%) the viscosity is observed to be

CARD: 1/2

COUNTRY : Rumania
CATEGORY :

B-11

ABS. JOUR. : RZKhim., No. 14 1959, No.

48873

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : greater than that of II due to the formation of
new hydrogen bonds between the OH groups in II
and in I.

R. Mocharnyuk

CARD: 2/2

3-58

RUMANIA/Physical Chemistry - Molecule. Chemical Bond.

B

Abs Jour : Ref Zhur Khimiya, N o 19, 1959, 67098

Author : Angelescu, E., Popescu, G.

Inst : Rumanian Academy

Title : Degree of Association of Cresol Isomers Calculated from Viscosimetric Data

Orig Pub : Studii si cercetari chim. Acad. RPR, 1958, 6, No 4, 597-605

Abstract : The temperature dependence of the molecular volume and viscosity of o- (I), m- (II), and p- (III) cresol was studied within the range 25-80°. The molecular volumes of II and III are practically the same, and the molecular volume of I is approximately 1 cm³ smaller in the temperature range studied. The viscosities and the degrees of association of the investigated substances

Card 1/2

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Card 2/2

POPESCU, G.

The system glycerol⁷-diglycerol. B. Angelescu and G. Popescu. Acad. rep. populare Romine, Studi ceretari chim. 6: 607-18 (1958).—Different mixts. of glycerol-diglycerol were prepd. and their d. and viscosity measured at 20-80°. In general the ds. of the mixts. are smaller than those of the single products, which means that the mixts. have larger vol. Only mixts. very rich in diglycerol and at low temp. become denser than the single products. Viscosities also decrease in the mixt. and are proportional to the ratio of diglycerol in the mixt. At 20° the viscosity of the mixt. can be used as an analytical means for establishing the ratio of the 2 products. At 0.3 moles diglycerol for 0.7 moles glycerol there is a min. of viscosity, whereas min. of d. is at 0.6 moles diglycerol for 0.4 moles glycerol. These phenomena can be interpreted by the fact that each component is a solvent for the other one, and therefore causes its disson. On the other hand they can form H bonds and give birth to mixed associates. The 1st phenomenon decreases the viscosity, whereas the 2nd increases it. As a result of these 2 a min. appears. Disson. is always predominant and therefore the viscosity change is always neg. The discordance for the variations of the viscosity and d. can be attributed to the different rates of assocn. of the 2 polyals.

Mella Paecht-Horowitz

3
2 May
4E2C (j)

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POPESCU, G.

Morphology of reed inflorescence and attempts to hybridize reed.

P. 225(Geluloza Si Hirtie. Vol. 5, Sept. 1956, Bucuresti, Rumania)
no. 9.

Monthly Index of East European accessions (FEAI) LC. Vol. 7, no. 2,
February 1958

POFESCU, G.

The effect of mechanized harvesting on the growth of reed; preliminary research.

p. 221. (Celuloza Si Hirtie. Vol. 6, no. 7, July 1957. Bucuresti, Rumania)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

POPESCU, G.

TECHNOLOGY

Periodicals: CELULOZA SI HIRTIE. Vol. 7, no. 6, June 1958

POPESCU, G. Mechanized harvesting and its effect upon the reed areas. p. 237.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

POPESCU, Gabriel F., ing.; BENEDEK, P., ing.

New techniques in fighting against silicogenous dust in mining works.
Rev min 12 no.12:525-535 D '61.

(Mine dusts) (Silicon)

CAJAL, N.; MITROIU, O.; BABA, C.; COPELOVICI, Y.; POPESCU, G.; BARBU, C.

The study of some methods used in the laboratory diagnosis of
viral epidemic hepatitis. Stud. cercet. inframicrobiol. 12:307-
314 '61.

(HEPATITIS, INFECTIOUS diagnosis)

PATRULIUS, D. (Rumyniya); ~~POPESCU~~ Gr. [Popescu. G.] (Rumyniya)

Facies of the wild flysh and klippe of the sedimentary origin
in Bukovina and Maramures. Mat.Karp.-Balk.assots. no.1:168-176
'60. (MIRA 14:12)

(Rumania--Geology)

L 29269-66

SOURCE CODE: RU/0012/65/061/006/0981/0986

ACC NR: AP6019363

AUTHOR: Popescu, Gh. (Doctor; Lieutenant colonel); Cavulea, O. (Veterinarian; Lieutenant colonel); Bergheanu, S. (Engineer; Pharmacist; Lieutenant colonel); Wasserstrom, V. (Doctor; Colonel; Candidate of medical sciences); Herscovici, H. (Doctor; Lieutenant colonel) 30
B

ORG: none

TITLE: Functional exploration of the kidney with the aid of isotopic nephrograms in irradiated and burned animals 19 22

SOURCE: Revista sanitara militara, v. 61, no. 6, 1965, 981-986

TOPIC TAGS: dog, radiation biologic effect, radiation injury, excretion

ABSTRACT: Studies involving 20 dogs showed that the radio-isotopic method for the study of renal affliction is easily supported by the animals, rapid and relatively accurate. In irradiated dogs without burns, no changes in renal functions were noted by this method; third degree burns over 10 percent of the body surface aggravated the evolution of irradiation disease, with an early disturbance of renal functions. Orig. art. has: 7 figures and 1 table. [JPRS]

SUB CODE: 06 / SUM DATE: 26Dec64 / ORIG REF: 004 / OTH REF: 004
SOV REF: 001

Card 1/1 *cc*

BERLOGEA, I.; STRATI, I.; SCHOENFELD, S.; CAJAL, N.; POPESCU, G.

Investigations of rabies infection and anti-rabies immunity in
animals exposed to irradiation. Stud. cercet. inframicrobiol. 12:
195-201 '61.

(RABIES immunology) (RADIATION EFFECTS experimental)
(IMMUNITY radiation effects)

ANGELESCU, E.; POPESCU, Georgeta

Colloidal chemistry of the system soap-cresol-water. XIII. Viscosity of the solutions of sodium lauric acid in the presence of cresol and sodium chloride. Studii cerc chim 9 no.4:593-601 '61.

1. Centrul de cercetari chimice al Academiei R.P.R., Sectia de chimie-fizica, Bucuresti. 2. Membru corespondent al Academiei R.P.R. si membru al Comitetului de redactie, "Studii si cercetari de chimie" (for Angelescu).

POPESCU, Marica, ing.; POPESCU, Gertruda, ing.

Printing tissues made of viscose or blended with viscose
with reactive dyes. Ind text Rum no. 3: 145-150 Mr '64.

CORPADE, Al., ing.; POPESCU, G.F., ing.

Present problems on the application of mechanization in the mines
of Baia Mare Basin. Rev min 12 no.6:262-265 Je '61.

CORPADE, Al., ing.; POPESCU, Gabriel F., ing.; TORPENYI, L., ing.;
JUDE, A., ing.

Fighting dilution during the exploitation in mining complex
ores veins. Rev min 12 no.5:207-215 My '61.

POPESCU, Gabriel P., ing.

From the life of enterprises. Rev min 16 no.1:42 Ja '65.

POPESCU, Gabriel, ing.

Calculation of the equivalent axial load of the main ball
bearings of the hydraulic head for drilling. Constr mas
16 no.9:508-510 S '64.

IOTA, C.G.; GEORGESCU, Miron; DOBREANU-ENESCU, Vi^lrica; POPESCU, Gh.;
TEODORINI, Sanda

Hypertensive disorder in conditions of physical and mental strain.
III. Research on the reactivity of the autonomic nervous system in
performing athletes with hypertensive disorders. Stud. cercet. med.
intern. 4 no.1:83-92 '68.
(HYPERTENSION) (AUTONOMIC DYSFUNCTION) (STRESS)
(EXERTION) (SPORT MEDICINE)

MARCU, B., ing.; MOLDOVEANU, N., ing.; POPESCU, Gh., ing.

The Warsaw Symposium, May 1962, on the "Rational Utilization of
Electric Power." Energetica Rum 10 no,9:361-378 S '62.

POPESCU-GORJ, Aurelian, dr.

Data on the repartition of the *Ypsolophus* Fabr. genus (Lepidoptera-Plutellidae) in Rumania. Trav Muz Nat 4:217-227 '63.

Revision of the species of the *Erebia* Dalm. genus in the Rumanian Carpathians; pandrose group. Ibid.:239-250

LUPU, N..Gh., academician; RUNCAN, V.; POPESCU, Gr. I.; MARCUS, N.;
POPESCU, T.

Prevention and treatment of chronic hepatitis following
epidemic hepatitis. Stud cercet med intern 4 no.3:285-293
'63.

(HEPATITIS) (HEPATITIS, INFECTIOUS)